

Mabanol Gamma TF 7000

Lithium soap-based grease

Application

Mabanol Gamma TF 7000 is used for lubricating plain and roller bearings, including those with a relatively high proportion of sliding friction. The multi-purpose grease can be used in both industrial and automotive applications within the specified temperature range. A solid lubricant additive (PTFE) improves the pressure absorption capacity and provides emergency running properties.

Therefore, Mabanol Gamma TF 7000 is particularly suitable for plain and roller bearings that run under difficult conditions at low speeds and under high loads.

Properties

Mabanol Gamma TF 7000 is a lithium complex grease based on mineral oil. It contains EP additives, corrosion inhibitors and solid lubricants. The product offers a high pressure absorption capacity, good oxidation and water resistance as well as excellent wear protection. In addition, Mabanol Gamma TF 7000 is work-stable and offers good mechanical stability as well as a very high temperature range and long storage times.

Standards

- NLGI-Grade 2
- DIN 51502 / 51825 KPF2P-30
- ISO 6742 / 9: L-XCEEB2

Data

	Test method	Unit	Value
Thickener			Lithium-Complex
Colour			Light brown
Dropping point	ASTM D 2265	°C	> 270
Worked penetration at 25°C	ASTM D 217	1/10mm	265 - 295
Base oil viscosity at 40°C	ASTM D 445	cSt	460
Roll stability at 25°C	ASTM D 1831	1/10mm	-15 to +45
Four ball test, WP	ASTM D 2596	N	7200
Four ball test, LWI	ASTM D 2596		63
Scar diameter	ASTM D 2266	mm	0,48
Leakage tendencies	ASTM D 1263	g	0,54
Oil separation	ASTM D 1742	%	1,8
Flow Pressure -30°C	DIN 51805	hPa	1290
Temperature range		°C	-30 to +160

Updated in: March 2021

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1999